

# LT-PL259-LLC200-C

## PL259 UHF Male Connector for LLC200 Cable, Crimp Type, with Shrink

The LT-PL259-LLC200-C is a reliable UHF Male (PL-259) Connector designed for LLC200 coaxial cables, ensuring secure connectivity and stable RF performance. With its threaded interface, it provides a firm and consistent connection, making it suitable for radio communication, amateur radio, CB systems, and low-frequency RF applications.

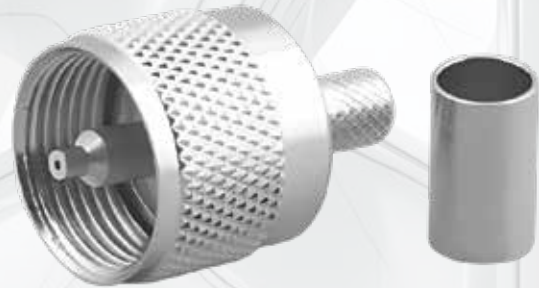
Built with durable materials and corrosion resistance, this connector delivers long-lasting performance in both indoor and outdoor setups, ensuring dependable signal transmission across a wide range of communication systems.

### Key Features

- Designed for LLC200 coaxial cable
- Standard UHF Male (PL-259) interface
- Secure threaded connection for stability
- Low signal loss and reliable RF performance
- Durable, corrosion-resistant construction

### Applications

- RF communication systems
- Antenna and wireless installations
- Broadcasting and transmission setups
- Laboratory and testing environments
- General-purpose RF cable terminations



### Specifications

<b>PART NUMBER</b>	<b>LT-PL259-LLC200-C</b>
<b>Description</b>	PL259 UHF Male Connector for LLC200 Cable, Crimp Type, with Shrink
<b>Material and Plating</b>	
<b>Center Contact</b>	Brass / Gold Plating
<b>Outer Contact &amp; Body</b>	Brass / Nickel Plating
<b>Crimping Sleeve</b>	Copper / Nickel Plating
<b>Insulator (Dielectric)</b>	PTFE
<b>Gasket</b>	Silicon Rubber
<b>Electrical Specifications</b>	
<b>Characteristic Impedance</b>	N/A
<b>Frequency Range</b>	DC~450MHz
<b>Insulation Resistance</b>	≥5000MΩ
<b>Center Contact Resistance</b>	≤5.0mΩ
<b>Outer Contact Resistance</b>	≤2.5mΩ
<b>Dielectric Withstanding Voltage</b>	≥1500V rms / 50Hz
<b>Working Voltage</b>	≥500V rms / 50Hz
<b>Environmental &amp; Mechanical Specifications</b>	
<b>Mating Durability</b>	≥500 cycles
<b>Mechanical Shock Test Method</b>	MIL-STD-202, Method 213, Test Condition G
<b>Vibration Test Method</b>	MIL-STD-202, Meth. 204, Cond. B
<b>Suitable Cable</b>	LLC200
<b>Temperature Range</b>	-55°C to +155°C
<b>RoHS</b>	Compliant

